

THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:

1. A tank interceptor for rainwater and waste-water, comprising:
  - 5 a container including a bottom wall, a side wall and a top wall, said walls defining an internal chamber,
  - a partition dividing the chamber into a by-pass compartment above the partition and a treatment compartment below the partition, the partition having a top wall,
  - 10 an inlet through the side wall adjacently above the top wall <sup>of the partition</sup> the inlet being adapted to permit liquid to flow into the by-pass compartment,
  - an outlet through the side wall adjacently above the top wall and spaced away from the inlet, the outlet being adapted to permit liquid to flow out of said by-pass compartment,
  - 15 the top wall of the partition being configured to include a raised portion which isolates the inlet from the outlet, <sup>a</sup> such that liquid entering through the inlet and seeking to reach the outlet through the by-pass compartment must overflow the raised portion in order to do so, and
  - first and second openings through the partition on the inlet side and the outlet side, respectively, of the raised portion, both openings communicating the by-pass compartment with the treatment compartment, the openings being such that liquid, without having to overflow said raised portion, can travel from the inlet to the outlet by passing through the first opening into the treatment compartment, thence through the treatment compartment, thence through the second opening into the by-pass compartment, thence to the outlet.
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2. The tank interceptor claimed in claim 1, in which the partition includes a passageway between the by-pass and treatment compartments, the passageway being sized to allow passage of a worker wishing to inspect the treatment compartment, and
- 30 an access cover adapted to seal said passageway.

3. The tank interceptor claimed in claim 1, in which the top wall of the partition lies

substantially in a single horizontal plane, except for said raised portion, which has the shape of an elongate weir with at least one sloping side in order to minimize turbulence in liquid overflowing the raised portion.

5 <sup>5</sup>/<sub>4</sub> The tank interceptor claimed in claim 1, in which an elongate pipe extends downwardly from each said opening into said treatment compartment.

10 <sup>3</sup>/<sub>6</sub> The tank interceptor claimed in claim 2, in which the top wall of the partition lies substantially in a single horizontal plane, except for said raised portion, which has the shape of an elongate weir with at least one sloping side in order to minimize turbulence in liquid overflowing the raised portion; and in which an elongate pipe extends downwardly from each said opening into said treatment compartment.

11